

December 17, 2002

Case No.: CM01399I (9640/73)

Serial No.: 09/916,108

Filed: July 26, 2001

Page 2

--AMENDMENTS--

IN THE SPECIFICATION:

Please amend the specification as follows:

Please delete page 1, lines 6-11 of the specification and insert

--This application is a continuation-in-part of co-pending U.S. Patent Application No. 09/612,792, filed July 10, 2000, to inventors Beuhler *et al.* (Attorney Docket No. CMO1399I), herein incorporated by reference in its entirety.--

A substitute sheet is enclosed for the Examiner's convenience.

IN THE CLAIMS:

Please cancel claims 13-23.

Please add new claims 24-39 as follows.

24. (New) A biosensor for assaying biomolecules, comprising:
a substrate having at least one biodetection site; and
a resonator disposed on the biodetection site, wherein the resonator measures at least one resonance property of at least one untagged biomolecule at the biodetection site.
25. (New) The biosensor of claim 24 wherein the at least one biomolecule is received at the biodetection site, further comprising:
at least one magnetic tag attachable to the biomolecule.